

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1-13. (Canceled)

14. (Previously Presented) A mixing device for mixing gas provided by a gas regulating device with combustion air for a gas burner, comprising:
- a monolithic housing defining:
 - an air inlet;
 - an outlet,
 - a first fluid path extending between the air inlet and the outlet;
 - a venturi nozzle situated in the fluid path between the air inlet and the outlet;
 - a gas inlet;
 - a second fluid path extending from the gas inlet to the venturi nozzle of the housing;
 - wherein the gas inlet is configured as a female receptacle for receiving a protruding outlet stub of the gas regulating device;
 - a first releasable fastener that releasably fastens the gas regulating device relative to the monolithic housing, with the protruding outlet stub of the gas regulating device in a sealing relationship with the gas inlet of the housing, the first releasable fastener being hand releasable by a user such that the gas regulating device can be quickly removed and separated from the housing; and
 - a second releasable fastener that releasably fastens the monolithic housing to a support plate of a blower with the outlet of the monolithic housing in fluid communication with an aperture in the support plate of the blower, the second releasable fastener being hand releasable by a user such that the monolithic housing can be quickly removed and separated from the blower.

15. (Previously Presented) The mixing device of claim 14, wherein the monolithic housing is formed from plastic.

16. (Previously Presented) The mixing device of claim 14, wherein the blower acts at the outlet of the monolithic housing to provide a suction pressure to suck a mixture of gas and combustion air through the outlet of the monolithic housing and toward the blower.

17. (Previously Presented) The mixing device of claim 16, wherein the monolithic housing is formed from plastic, and the support plate of the blower is metallic, wherein the second releasable fastener is configured to fasten the plastic monolithic housing to the metallic supporting plate.

18. (Previously Presented) The mixing device of claim 17, wherein the second releasable fastener is a quick-acting closure.

19. (Previously Presented) The mixing device of claim 18, wherein the quick-acting closure is formed as a bayonet closure, with an end on an outlet side of the monolithic housing being assigned projections, which can be introduced into corresponding recesses of the support plate of the blower, and which releasably fasten the monolithic housing to the support plate of the blower after the monolithic housing and the support plate have been turned in relation to each other.

20 (Previously Presented) The mixing device of claim 17, wherein the fastening of the monolithic housing to the metallic support plate of the blower includes a sealing element.

21. (Previously Presented) The mixing device of claim 16, further comprising:

a gas regulating device fastened relative to the monolithic housing via the first releasable fastener.

22. (Previously Presented) The mixing device of claim 21, wherein the first releasable fastener that fastens the gas regulating device to the monolithic housing is a quick-acting closure.

23. (Previously Presented) The mixing device of claim 22, wherein the quick-acting closure includes:

a snap closure having a securing clip, assigned to the monolithic housing, that grips at least partially around the protruding gas outlet stub of the gas regulating device after the protruding outlet stub of the gas regulating device has been inserted into the gas inlet of the monolithic housing, in order to releasably fasten the gas regulating device to the monolithic housing.

24. (Previously Presented) The mixing device of claim 21, wherein the fastening of the gas regulating device relative to the monolithic housing includes a sealing element.

25. (Previously Presented) The mixing device of claim 21, wherein the gas inlet is laterally offset from the first fluid path of the monolithic housing unit.

26. (Previously Presented) A gas burner, comprising:
a combustion chamber;
a mixing device configured to mix gas and combustion air, the mixing device including a monolithic housing defining a venturi nozzle, wherein the venturi nozzle is integrated in the housing in such a way that the housing and the venturi nozzle are formed as a single piece;
a blower having a support plate;
wherein the monolithic housing of the mixing device further includes [[a]] one or more integral fastener features configured to releasably interlock with corresponding

features of the support plate of the blower; and

the blower, when activated, acts on the mixing device to suck in a mixture of gas and combustion air provided by the mixing device and feed the mixture to the combustion chamber of the gas burner.

27. (Previously Presented) The gas burner of claim 26 wherein the monolithic housing of the mixing device forms a flow duct for gas and combustion air, where the combustion air is sucked in at an inlet opening of the monolithic housing and a mixture of gas and combustion air is provided through an outlet opening of the monolithic housing.

28. (Previously Presented) The gas burner of claim 27 wherein the blower acts at the outlet opening of the monolithic housing by providing a suction pressure to suck in the mixture of gas and combustion air through the outlet opening of the monolithic housing and providing the mixture to the combustion chamber of the gas burner.

29. (Previously Presented) The gas burner of claim 27 further comprising:
a gas regulating device releasably fastened to the monolithic housing, the gas regulating device including a gas outlet stub that is insertable into a corresponding recess in the monolithic housing, wherein the recess is in fluid communication with the flow duct of the monolithic housing.

30. (Previously Presented) The gas burner of claim 29 wherein the one or more fastener features of the monolithic housing are fastened to the blower supporting plate via a quick-acting closure.

31. (Previously Presented) The gas burner of claim 30, wherein the quick-acting closure is a bayonet closure.

32. (Previously Presented) The gas burner of claim 29 wherein the monolithic housing includes a quick-acting closure formed therein, the quick-acting closure configured to fasten the gas regulating device to the monolithic housing.

33. (Previously Presented) The gas burner of claim 32, wherein the quick-acting closure is a snap closure having a securing clip.

34. (Previously Presented) A mixing device for mixing gas and combustion air for a gas burner, said mixing device comprising:

a monolithic housing having:

side walls that define a venturi nozzle that forms a flow duct, the flow duct having an inlet for accepting combustion air and an outlet for providing a mixture of gas and combustion air;

a gas inlet extending through a side wall of the housing and into the flow duct intermediate the inlet and the outlet of the monolithic housing, the gas inlet configured to interface with a gas outlet port of a gas regulating device situated in a gas regulating device housing; and wherein the gas inlet of the monolithic housing is configured to interface with the gas outlet port of the gas regulating device; and

a releasable fastener for releasably fastening the monolithic housing to the gas regulating device such that a gas tight seal is formed between the gas inlet of the monolithic housing and the gas outlet port of the gas regulating device, the releasable fastener being hand releasable by a user such that the gas regulating device can be quickly removed and separated from the monolithic housing.

35. (Previously Presented) The mixing device of claim 16, wherein the monolithic housing further defines a gas-routing duct configured to introduce fuel gas into the flow duct.

36. (Previously Presented) The mixing device of claim 35, wherein the gas-routing duct is configured to introduce fuel gas through an opening that opens out radially into the flow duct.